

Title (en)

METHOD OF PREPARING THE SURFACE OF METAL SUBSTRATES FOR ORGANIC PHOTOSENSITIVE DEVICES

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER OBERFLÄCHE VON METALLSUBSTRATEN FÜR ORGANISCHE LICHTEMPFLINDLICHE VORRICHTUNGEN

Title (fr)

PROCÉDÉ DE PRÉPARATION DE LA SURFACE DE SUBSTRATS MÉTALLIQUES POUR DISPOSITIFS PHOTOSENSIBLES ORGANIQUES

Publication

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Application

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Abstract (en)

[origin: US2013105779A1] There is disclosed a method for preparing the surface of a metal substrate. The present disclosure also relates to an organic photovoltaic device comprising a metal substrate made by such method. Also disclosed herein is an inverted photosensitive device comprising a reflective electrode comprising stainless steel foil, an organic donor-acceptor heterojunction over the reflective electrode, and a transparent electrode over the donor-acceptor heterojunction.

IPC 8 full level

H01L 51/00 (2006.01)

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Citation (examination)

YUN D J ET AL: "Fabrication of the flexible pentacene thin-film transistors on 304 and 430 stainless steel (SS) substrate", ORGANIC ELECTRONICS, ELSEVIER, AMSTERDAM, NL, vol. 10, no. 5, 1 August 2009 (2009-08-01), pages 970 - 977, XP026235912, ISSN: 1566-1199, [retrieved on 20090510], DOI: 10.1016/J.ORGEL.2009.05.005

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